

Jackson D. Cook

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EDUCATION

Texas A&M University, College of Engineering
Bachelor of Science in Petroleum Engineering
Petroleum Ventures Program Certificate (PVP)

College Station, TX
Graduation: Dec 2025

WORK EXPERIENCE

Arc57, LLC

Houston, TX

Reservoir Engineering Intern

May 2025 – Aug 2025

- Optimized an excel based model to support economic evaluations for over \$420 MM worth of non-operated working interest deals
 - Implemented PDP handling capabilities to expand and diversify the company's investment opportunities
- Analyzed production data to perform decline curve analysis and type curve benchmarking across 10 different basins and ~35 different formations
 - Refined type curve analysis methodology to reflect probability within each area of interest reducing any possibility of EUR overestimation
- Developed a program that correlates each well's cost efficiency and productive efficiency to find regional hotspots within basins that give the most potential for deal success
- Created a database that tracked each deal's economic and physical metrics to improve holistic basin knowledge and performance

Riley Permian Exploration

The Woodlands, TX

Operations Engineering Intern

May 2024 – Aug 2024

- Devised a function that relates the initial intake pressure and EUR per productive lateral length to better estimate how surrounding well's offset depletion affects the well section
- Created a stick rod design that could withstand the stress of a back built well set in the curve, eliminated fluid pound and gas interference issues, and increased production by over 80% which will increase profits by \$1.1 MM a year
- Developed a spreadsheet that generates 10-year water production forecasts for a field in the Permian Basin to better identify weak points in the drill schedule and to understand how batteries react to high water influx
- Designed a program that tracks the fields oil cut, production, and chemical usage over the course of 5 years

ClearWell Dynamics, LLC

Bryan, TX

Field Intern

Jun 2023 – Aug 2023

- Worked on a crew as a floor hand on workover rigs doing acid jobs, fishing jobs, swab jobs, well cleanouts, plug and abandonment, and gas lift mandrel insertions across the Eagle Ford Basin.
- Solved production issues with wells that were unable to hold pressure due to faulty tubing, collars, and holes in casing.

LEADERSHIP EXPERIENCE

Petroleum Ventures Program (PVP)

College Station, TX

Leadership Team Member

Aug 2023 – Present

- Selective 25-credit program that combines petroleum engineering and finance by giving exposure to business concepts, entrepreneurship, industry leaders and case-based learning opportunities of real-world energy companies
- Plan and host professional, social, and networking events alongside leaders within the department

American Association of Drilling Engineers

College Station, TX

President

May 2024 – April 2025

- Lead a chapter of over 280 members through industry experience events, social events, and service events
- Manage over \$75,000 of funding that is distributed to different committees for several unique events which aim to grow technical knowledge of the oil and gas industry
- Facilitate communication with company representatives and local businesses regarding their involvement with our organization socially, financially, and educationally

SKILLS

Skills: ComboCurve, IHS Harmony, Kappa Citrine, Kappa Topaze, Spotfire, CMG, RodStar, WellView, ProdView, Enverus, Carte, Smarten, Inteleview, Zedi, Microsoft Word, PowerBI, and Excel